

**BLOOD AVAILABILITY AND
SAFETY INVENTORY SYSTEM**

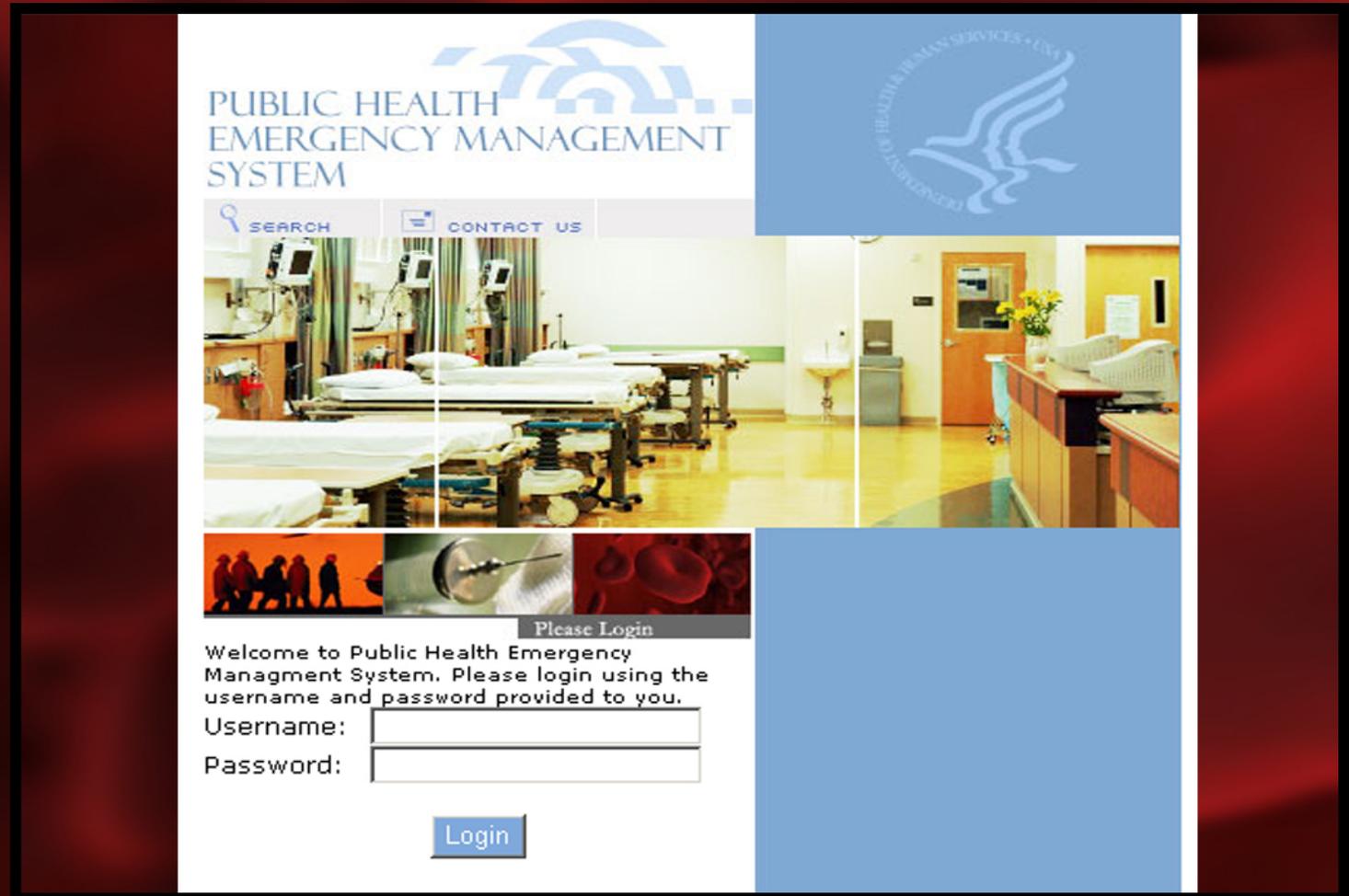
BASIS

**U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
DEAN A. ROSS, SECRETARY'S OPERATIONS CENTER**

OBJECTIVES

- INTEGRATED INTO PUBLIC HEALTH EMERGENCY MANAGEMENT SYSTEM...
- DEVELOP A WEB BASED SYSTEM...
- SCALABLE ACCESS TO USER AND MANAGER...
- EASILY CREATE NEW DATA FIELDS FOR REPORTING...
- INTUITIVE TO USER...
- GEOSPATIAL INTEGRATION...
- WEB BASED REPORTING TOOLS...

PUBLIC HEALTH EMERGENCY MANAGEMENT SYSTEM



The screenshot displays the login interface for the Public Health Emergency Management System. At the top left, the system's name is accompanied by a stylized blue logo. To the right, a circular seal for the Department of Health & Human Services - City of Chicago is visible. Below the header, there are navigation links for 'SEARCH' and 'CONTACT US'. The main visual is a large photograph of a hospital ward with several beds. Below this, a row of three small images shows silhouettes of people, a medical syringe, and red blood cells. The login section includes a 'Please Login' header, a welcome message, and input fields for 'Username:' and 'Password:'. A blue 'Login' button is positioned at the bottom of the form.

PUBLIC HEALTH
EMERGENCY MANAGEMENT
SYSTEM

SEARCH CONTACT US

Please Login

Welcome to Public Health Emergency
Management System. Please login using the
username and password provided to you.

Username:

Password:

Login

PUBLIC HEALTH EMERGENCY MANAGEMENT SYSTEM

- **HARTS – HOSPITAL ASSET
REPORTING AND TRACKING SYSTEM**
- **BASIS – BLOOD AVAILABILITY AND
SAFETY INVENTORY SYSTEM**
- **MMS – MEDICAL MATERIALS AND
SUPPLIES**
- **NEW FUTURE MODULES FOR
MANAGING RESOURCES**

WEB BASED APPLICATION

The screenshot shows a web browser window titled "Index - Microsoft Internet Explorer". The page content includes a header with the text "BLOOD AVAILABILITY AND SAFETY INVENTORY SYSTEM" and "BASIS" in large red letters. To the right of the text is a red graphic of a blood cell. Below the header are two columns of buttons: "Event Manager", "User Manager", and "List Manager" on the left; "Log Out", "Report Manager", and "Asset Manager" on the right. Below the buttons are navigation links for "HOME" and "CONTACT US". The main content area contains the text "Please select from one of the choices below:" followed by five links with descriptions: "Event Manager" (add/view current events), "User Manager" (add/modify/delete users), "Asset Manager" (add/modify/remove assets), "List Manager" (administrate people with access), and "Report Manager" (generate reports). At the bottom of the page is the copyright notice "© 2004 Public Health Emergency Management System". The taskbar at the bottom shows the Start button, an open "Index - Microsoft Intern..." window, and a "BASIS" application icon. The system tray on the right shows "Local intranet" and the time "10:52 AM".

Index - Microsoft Internet Explorer

File Edit View Favorites Tools Help

BLOOD AVAILABILITY AND SAFETY INVENTORY SYSTEM

BASIS

HOME CONTACT US

Event Manager Log Out

User Manager Report Manager

List Manager Asset Manager

Please select from one of the choices below:

[Event Manager](#)
Click on this link to add/view current events, view and/or modify assets for active hospitals and to add/remove hospitals from a given event.

[User Manager](#)
Click on this link to Add/Modify/Delete users of this website.

[Asset Manager](#)
Click on this link to Add/Modify/Remove Assets available to hospitals.

[List Manager](#)
Click on this link administrate those people with access to multiple entities.

[Report Manager](#)
Click on this link to generate different reports on activities within the HARTS system.

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Start Index - Microsoft Intern... BASIS Local intranet 10:52 AM

WEB BASED APPLICATION

- PART OF THE HHS SOC SECURE DOMAIN, NOT PUBLICLY ACCESSIBLE
- NO SOFTWARE APPLICATION TO LOAD
- INTERNET EXPLORER OR NETSCAPE COMPLIANT
- INTUITIVE APPLICATION TO ELIMINATE RECURRING TRAINING

ROUTINE/EVENT DRIVEN DATA

The screenshot shows a web browser window titled "EventManager - Microsoft Internet Explorer". The page content includes a header with the BIAS logo and navigation buttons. The main area is titled "Event Manager" and contains a form for adding a new event. The form includes a text input for "Event Name", a "Please select the websites that can access this event:" section with checkboxes for BIAS, HARTS, sars, and Setup Website, and an "Add Event" button. Below the form is a "Current Events" section with two entries: "Blood Test Event" and "HURRICANE", each with a "Deactivate Event" link. The footer contains the copyright notice "© 2004 Public Health Emergency Management System". The Windows taskbar at the bottom shows the Start button, open windows for "EventManager - Micr...", and "BASIS", and the system tray with the time "10:55 AM".

EventManager - Microsoft Internet Explorer

File Edit View Favorites Tools Help

BLOOD AVAILABILITY AND SAFETY INVENTORY SYSTEM
BASIS

HOME CONTACT US

Event Manager Log Out
User Manager Report Manager
List Manager Asset Manager

Event Manager

Welcome to the BIAS Event Manager. If you want to add a new event, please type the name of your event in the box provided and then click on the Add New Event button.

Event Name

Please select the websites that can access this event:

BIAS HARTS
 sars Setup Website

Add Event

Current Events

To view the blood centers that are active for a current event, please click on the name of that event below.

[Blood Test Event](#) Started On: 3/15/2004 [Deactivate Event](#)

[HURRICANE](#) Started On: 8/11/2004 [Deactivate Event](#)

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Start EventManager - Micr... BASIS Local intranet 10:55 AM

ROUTINE/EVENT DRIVEN DATA

- INFORMATION INPUT FOR ROUTING TRACKING
- INFORMATION CAN BE TAILORED TO A SPECIFIC EVENT

USER AND MANAGER ACCESS

BLOOD AVAILABILITY AND SAFETY INVENTORY SYSTEM
BASIS

HOME CONTACT US

Event Manager Log Out
User Manager Report Manager
List Manager Asset Manager

User Manager

Please enter your information and then click on Add User to enter a new user into the system.

Username:
Password:
Full Name:

Please select one or more groups:

- ListManagers
- SCC Management
- SCC Staff
- TEST CENTER**

Current Users

Below is a current set of users. To view the details for a given user, please click View User. To delete a given user, please click on the Delete User.

	Group Name	Username	Password	Full Name	Last Logged In	First Logged In	# of Logins	
View User	SCC Management	admin	admin	Mr. Admin	8/24/2004 1:33:51 PM	3/3/2004 6:55:27 AM	180	Remove User From Group
View User	SCC Staff	Dean	Dean	Dean	8/16/2004 10:23:19 AM	5/20/2004 12:12:57 PM	7	Remove User From Group
View User	SCC Management	ktola	t321ola	Ken Tolal	7/16/2004 11:09:02 AM	2/17/2004 11:58:44 AM	425	Remove User From Group

1

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Start BASIS UserManager - Microsoft Internet Explorer Local intranet 1:38 PM

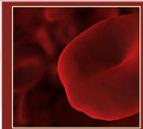
USER AND MANAGER ACCESS

- INDIVIDUAL REPORTING
LOCATIONS MAY HAVE
MULTIPLE USERS
- MULTIPLE REPORTING
LOCATIONS MAY BE GROUPED
TOGETHER TO PROVIDE
REGIONAL OR ENTITY ACCESS

ASSET REPORTING MANAGEMENT

AssetManager - Microsoft Internet Explorer

File Edit View Favorites Tools Help



Event Manager	Log Out
User Manager	Report Manager
List Manager	Asset Manager

Asset Manager

If you would like to add a new asset, please enter the name of that asset in the box provided and then click the Add Asset button.

Asset Name:

Asset Type:

Entity Type:

Asset Name	Asset Type	
AVAIL FOR PRO	Yes/No	Edit Delete
CurrentAph	Note/Comment	Edit Delete
CurrentMinus	Note/Comment	Edit Delete
CurrentPlus	Note/Comment	Edit Delete
CurrentRandom	Note/Comment	Edit Delete
DistributionAph	Note/Comment	Edit Delete
DistributionMinus	Note/Comment	Edit Delete
DistributionPlus	Note/Comment	Edit Delete
DistributionRandom	Note/Comment	Edit Delete
EMS Capability	Yes/No	Edit Delete
ExportsAph	Note/Comment	Edit Delete
ExportsMinus	Note/Comment	Edit Delete
ExportsPlus	Note/Comment	Edit Delete
ExportsRandom	Note/Comment	Edit Delete
ImportsAph	Note/Comment	Edit Delete
ImportsMinus	Note/Comment	Edit Delete
ImportsPlus	Note/Comment	Edit Delete
ImportsRandom	Note/Comment	Edit Delete
OutdatingAph	Note/Comment	Edit Delete
OutdatingMinus	Note/Comment	Edit Delete
OutdatingPlus	Note/Comment	Edit Delete
OutdatingRandom	Note/Comment	Edit Delete
ProductionAph	Note/Comment	Edit Delete
ProductionMinus	Note/Comment	Edit Delete
ProductionPlus	Note/Comment	Edit Delete
ProductionRandom	Note/Comment	Edit Delete
ReturnsAph	Note/Comment	Edit Delete
ReturnsMinus	Note/Comment	Edit Delete
ReturnsPlus	Note/Comment	Edit Delete
ReturnsRandom	Note/Comment	Edit Delete
TransfusedAph	Note/Comment	Edit Delete
TransfusedMinus	Note/Comment	Edit Delete
TransfusedPlus	Note/Comment	Edit Delete
TransfusedRandom	Note/Comment	Edit Delete

Done

Start BASIS AssetManager - Mic... Local intranet 1:42 PM

ASSET REPORTING MANAGEMENT

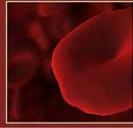
- ABILITY TO ADD NEW REPORTING CATEGORIES ON THE FLY
- DATA FIELDS CAN BE YES/NO, NUMERICAL VALUE, OR NOTE/COMMENT

USER INPUT - AVAILABILITY

Blood Resources - Microsoft Internet Explorer

File Edit View Favorites Tools Help

BLOOD AVAILABILITY AND SAFETY INVENTORY SYSTEM
BASIS



Event Manager Log Out
User Manager Report Manager
List Manager Asset Manager

HOME CONTACT US

Please select your time frame: Current Resources [Past 12 Hours](#) [Past 24 Hours](#) [Past 2 Days](#) [Past 3 Days](#)

Below are the current resources

To view contact information, please [click here](#)

Current Supply Details

Categories	Total	RBC		Platelets	
		O-	O+	Random	Apheresis
Current Inventory	<input type="text"/>				
Collections	<input type="text"/>				
Production	<input type="text"/>				
Distribution	<input type="text"/>				
Wastage	<input type="text"/>				
Outdating	<input type="text"/>				
Transfused	<input type="text"/>				
Returns	<input type="text"/>				
Exports	<input type="text"/>				
Imports	<input type="text"/>				

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Start BASIS Blood Resources - Micros... Local intranet 1:44 PM

USER INPUT - AVAILABILITY

- EASY TABULAR INPUT FOR DATA
- COMMON TERMINOLOGY

USER INPUT - ASSET INFO

BLOOD AVAILABILITY AND SAFETY INVENTORY SYSTEM
BASIS

HOME CONTACT US

Event Manager Log Out
User Manager Report Manager
List Manager Asset Manager

Contact Information for Test Blood Bank

Please make any modifications in the form provided and then click on Add Contact Information.

Address: 123 SOMEWHERE LANE
City: WASHINGTON
State: DC
Country: USA
Zipcode: 20201
Main Phone Number: 202-555-5555
Secondary Phone Number: 202-555-5555
Main Fax Number: 202-555-5555
Secondary Fax Number: 202-555-5555
Main Email Address: testbloodbank@bloodtime.org
Secondary Email Address: testbloodbank@bloodtime.org

Add Contact Information

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Start BASIS ViewContactInfo - Mic... Local intranet 1:46 PM

USER INPUT - ASSET INFO

- **STATIC IDENTIFIER**
- **USER CAN UPDATE ALL FACILITY INFORMATION**
- **DATA FIELDS FOR INFORMATION ON SECONDARY POINTS OF CONTACT**

GEOSPATIAL ANALYSIS

The screenshot shows a GIS application interface with a map of Washington, D.C. and its surrounding areas. A red line is drawn across the map, likely representing a route or boundary. An 'Identify Results' window is open, displaying metadata for a 'Suburban Hosp' feature. The metadata includes fields such as OBJECTID, NAME, ADDRESS, CITY, STATE, ZIPCODE, ADMINISTRATOR, PHONE, and various bed counts (TOTAL_HOSPITAL_BEDS, BURNT_UNIT_BEDS, CRITICAL_CARE_BEDS, DECONTAMINATION_FACILITY, EMERGENCY_BEDS, GENERAL_MEDICINE/SURGERY_BEDS, ISOLATION_ROOMS, NEGATIVE_PRESSURE_ROOMS, NEONATAL_IC_BEDS, STAFF_VENTILATORS).

Layers:

- HARTS
- AHA2002
- StreetMap USA
- National
- State
- Regional
- Local

Identify Results

Layers: <Top-most layer>

HARTS

Suburban Hosp

Location: (-77.109558 38.999239)

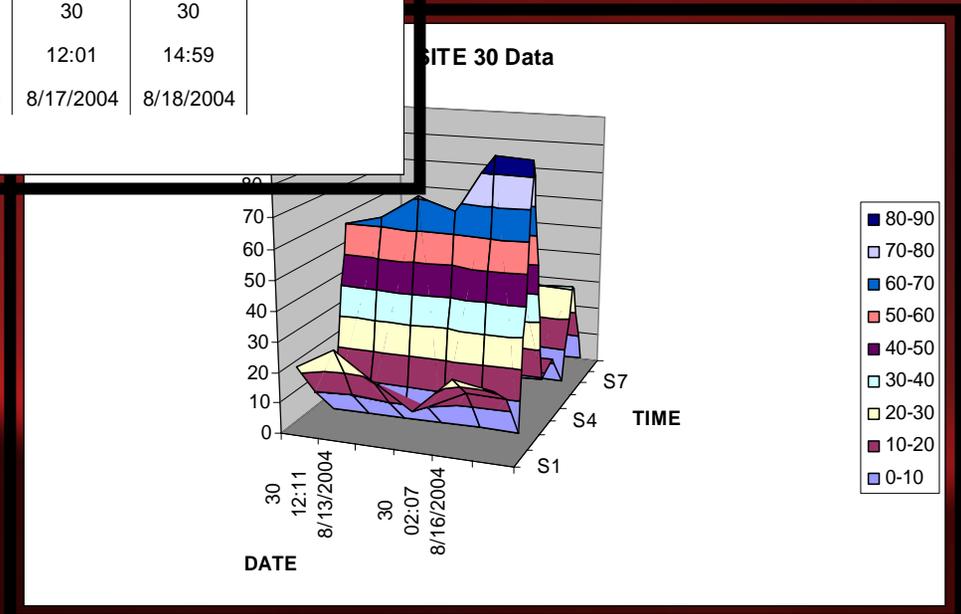
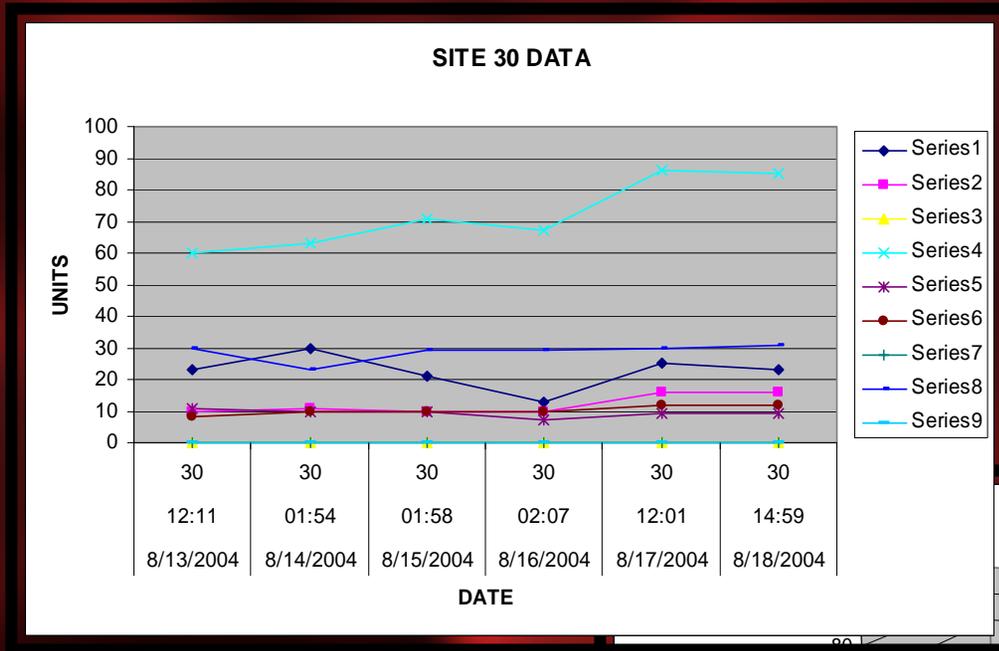
Field	Value
OBJECTID	1
Shape	Point
NAME	Suburban Hosp Healthcare Syst
ADDRESS	8600 Old Georgetown Road
CITY	Bethesda
STATE	MD
ZIPCODE	20814-1497
ADMINISTRATOR	Brian A Gragnolati, President
PHONE	301 8963100
TOTAL_HOSPITAL_BEDS	261
BURNT_UNIT_BEDS	2
CRITICAL_CARE_BEDS	1
DECONTAMINATION_FACILITY	No
EMERGENCY_BEDS	3
GENERAL_MEDICINE/SURGERY_BEDS	4
ISOLATION_ROOMS	0
NEGATIVE_PRESSURE_ROOMS	0
NEONATAL_IC_BEDS	2
STAFF_VENTILATORS	2

77°6'35.73"W 38°59'57.26"N

GEOSPATIAL ANALYSIS

- GEOSPATIAL TOOLS ALLOW FOR MULTIPLE FORMS OF ANALYSIS
- RELATIONAL DATA BASE PROVIDES FLEXIBILITY IN MANAGING NEW DATA FIELDS
- PROVIDES “AT A GLANCE” VIEW OF INFORMATION

REPORTING



REPORTING

- WEB - BASED “ENTERPRISE SOLUTION”
- “FEATURE SERVICE” FOR EXTRACTING DATA SETS FOR INDEPENDENT ANALYSIS
- GRAPHS, TABLES, CHARTS ALL SUPPORTED

